



Model Number: D0108S1ULA-22409

RF Engineering
and Custom Build

8-way Single L-band Active Splitter
+10dBm 1dB Gain Compression Point

8-way Single L-band Active Splitter



Front View of Model D0108S1ULA-22409

This single 8-way L-band active splitter gives excellent return loss and flatness, and is housed in a 1U high shelf. This unit also benefits from dual redundant power supplies for reliability in service.

Monitoring of the dual redundant power supplies can be done via front panel LEDs which provide a visual status of the power supplies and via a dry contact alarm port on the rear panel.



Rear View of Similar Model D0108S1ULA-S5S5

This unit is available in a variety of impedances and connector types (model numbers will vary).

Key Features

- 8 way active L-band splitter
- Dual Redundant power supplies
- Front Panel LEDs for PSU status



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Technical specifications and operating parameters

RF Parameters		
Capacity	8-way splitter	
Frequency Range	850-2150 MHz (L-band)	
RF Connectors	50Ω N-type	
Insertion Gain (dB)	+1±1	
Gain flatness (dB)	Full Band	±2.0
	Any 36 MHz	±0.5
Input Return Loss (dB)	Min.	14
Output Return Loss	Min	12
Isolation (dB)	20	
Noise (dB)	8	
1dB GCP (dBm)	+10dBm	

Environmental	
Operating temperature	0 to 45°C
Storage temperature	-25°C to +60°C
Location	Indoor use only
Humidity	20 to 90% non-condensing
Altitude	10,000ft AMSL

Power		
AC Power	85-264VAC (50/60Hz) , Fused 2A	
AC Consumption	10W. Total AC Input	
LNB Power	No	
PSU	Dual redundant	Diode OR
Hot-swap PSU	No	

System Control	
Alarms	Dry contact alarm port on rear
Display	Front panel LEDs for power & PSU

Physical	
Dimensions	1U high x 350mm deep x 19" wide
Weight	<4kg
Colour	White 00-E-55 semi-gloss

Key Features	
Dual redundant power supplies	
LEDs for PSU Monitoring	
Dry contact alarm for PSU failure	



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